



SITE DATA:

PROPERTY OWNER: ABNTO CORPORATION, 3205 Randall Pkwy., Wilmington, N.C. 28403 910-763-1111
 PROJECT ADDRESS: 3333 JAECKLE DRIVE
 PIN NUMBER: R05500-004-028-000
 AREA NOT IN FEMA 100-YEAR FLOOD ZONE
 ZONING DISTRICT: O&I-1, OFFICE & INSTITUTIONAL
 DISTURBED AREA: 2.2 Ac.
 SETBACKS REQUIRED: FRONT: 20', REAR: 20', CORNER SIDE: 20'

PROPOSED BUILDING SETBACKS:

| | |
|-------------------|--------|
| BRALSFORD DRIVE | 148' |
| BURNT MILL DRIVE | 57' |
| JAECKLE DRIVE (S) | 125.9' |
| JAECKLE DRIVE (E) | 23.7' |

PROPOSED 2,250 SF BUILDING SETBACKS:

| | |
|-------------------|--------|
| BRALSFORD DRIVE | 20' |
| BURNT MILL DRIVE | 70.3' |
| JAECKLE DRIVE (S) | 20' |
| JAECKLE DRIVE (E) | 324.2' |

TRACT AREA: 91,240 SF (2.09 AC) x 15 x 31 Twp 2.5" Color Reels, 8.34 Provd.

BUILDING USE: SCHOOL, OFFICE AND RESTAURANT
CAMA LAND USE: URBAN

PROPOSED BUILDING AREA (GROSS): 17,750 SF
BUILDING LOT COVERAGE (17,750/91,240): 19.51%
NUMBER OF UNITS: 1
NUMBER OF BUILDINGS: 2
BUILDING HEIGHT: 14'
NUMBER OF STORIES: 1

EXISTING IMPERVIOUS AREAS:
 EXISTING BUILDING: 0 SF
 EXISTING CONCRETE: 0 SF
 EXISTING CRACKED STONE: 0 SF
 EXISTING ASPHALT: 0 SF
 EXISTING IMPERVIOUS AREA: 0 SF (0.0%)

PROPOSED ON-SITE IMPERVIOUS AREAS:
 PROPOSED BUILDING FOOTPRINT: 17,750 SF
 PROPOSED PAVEMENT: 36,520 SF
 PROPOSED SIDEWALK: 0 SF
 EXISTING IMPERVIOUS: 0 SF
 FUTURE IMPERVIOUS: 4,755 SF
TOTAL IMPERVIOUS AREA: 62,575 SF (68.61%)

PROPOSED OFF-SITE IMPERVIOUS AREAS:
 PROPOSED PAVEMENT: 633 SF
 PROPOSED SIDEWALK: 0 SF
TOTAL IMPERVIOUS AREA: 633 SF

TOTAL ON-SITE + OFF-SITE IMPERVIOUS AREA: 63,908 SF

PARKING REQUIRED (SCHOOL): MAXIMUM NONE, MINIMUM: 15 STUDENTS (85 STUDENTS) = 17
PARKING REQUIRED (OFFICE): MINIMUM: 1000 SF (4,750 SF), MAXIMUM: 1000 SF (4,750 SF) = 24
PARKING REQUIRED (RESTAURANT): MINIMUM: 180 SF (1,500 SF), MAXIMUM: 185 SF (1,500 SF) = 23

TOTAL PARKING REQUIRED: 52.7
TOTAL PARKING PROVIDED: 77
HANDICAP SPACES REQUIRED (1.25 SPACES + HANDICAP SPACE): 14
77 SPACES = 25+3 = 4 HANDICAP SPACES

EXISTING IMPERVIOUS AREAS:
 EXISTING BUILDING: 0 SF
 EXISTING CONCRETE: 0 SF
 EXISTING CRACKED STONE: 0 SF
 EXISTING ASPHALT: 0 SF
 EXISTING IMPERVIOUS AREA: 0 SF (0.0%)

PROPOSED ON-SITE IMPERVIOUS AREAS:
 PROPOSED BUILDING FOOTPRINT: 17,750 SF
 PROPOSED PAVEMENT: 36,520 SF
 PROPOSED SIDEWALK: 0 SF
 EXISTING IMPERVIOUS: 0 SF
 FUTURE IMPERVIOUS: 4,755 SF
TOTAL IMPERVIOUS AREA: 62,575 SF (68.61%)

PROPOSED OFF-SITE IMPERVIOUS AREAS:
 BICYCLE PARKING REQUIRED (77 SPACES): 5 BICYCLE PARKS, 5 BICYCLE PARKS
 BICYCLE PARKING PROVIDED: 5 BICYCLE PARKS, 5 BICYCLE PARKS
 PUBLIC WATER AND SEWER BY CPFA: 0 GPD, 0 GPD
 EXISTING SEWER FLOW: 0 GPD, 0 GPD
 PROPOSED SEWER FLOW: 850 GPD, 1,200 GPD
 RESTAURANT 10 GPD/STUDENT x 85 STUDENTS: 850 GPD
 OFFICE 25 GPD/EMPLOYEE x 425 EMPLOYEES: 10,625 GPD
 PROPOSED SEWER FLOW: 11,475 GPD
 PROPOSED WATER FLOW: (2,550 x 100%) = 255,000 GPD

Parking Lot Canopy Coverage
 (36520 SF X 20%) = 7304 SF Shading Required
 7,777 SF Shading Provided

LEGEND

| COMMON NAME | SIZE | QTY |
|--------------------------|----------|-----|
| GROUND COVER | | |
| LIRIOPE, EMERALD GODDESS | 1 GAL. | 221 |
| SHRUBS | | |
| MISCANTHUS SINENSIS | 3 GAL. | 38 |
| HOLLY, NEEDLEPOINT | 7 GAL. | 73 |
| HOLLY, YAUPON, DWARF | 3 GAL. | 42 |
| PITTOSPORUM COMPACTA | 3 GAL. | 17 |
| DRIFT ROSE, RED | 3 GAL. | 18 |
| JAPANESE YEW | 3 GAL. | 14 |
| JUNIPER, PARSONI | 3 GAL. | 14 |
| JUNIPER, SEA GREEN | 3 GAL. | 20 |
| LARGE SHADE TREES | | |
| SAWTOOTH OAK | 25" CAL. | 14 |
| GREEN ASH | 25" CAL. | 6 |
| TRIDENT MAPLE | 25" CAL. | 8 |
| ALLEE ELM | 25" CAL. | 6 |

PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.

LANDSCAPING SHALL BE COMPLETE BEFORE ISSUANCE OF A C.O. A rain/freeze sensor shall be used if there is an irrigation system.

All plants and related items required to meet the provisions of the City of Wilmington Land Development Code shall be separately protected and maintained to professionally accepted standards by plant and several responsibility of the owner, tenant and respective agents of the property on which the material is located.

Approved Construction Plan

| Name | Date |
|----------------|-------|
| Planning _____ | _____ |
| Traffic _____ | _____ |
| Fire _____ | _____ |

DRAINAGE PLAN APPROVED
 CITY OF WILMINGTON
 STORMWATER DISCHARGE PERMIT NOT REQUIRED

SIGNATURE _____ DATE _____

Revision #:
 Date: 9/13/2016

Scale:
 1" = 30'

Landscape Plan:
 Burnt Mill Bus. Park, Lot 22

jim@freemanlandscape.com 910-796-1166
 Landscape Design by: James Freeman - NCLC# 71
 Freeman Landscape, Inc.